The 5°-square adjacent to Maine, western Nova Scotia, and Cape Cod, namely 40° to 45° N., 65° to 70° W., led all other North Atlantic squares, with 23 days of fog. The period just preceding the middle of the month was the period with least fog in this area.

Fog was noted on about half the days of the month off the coast of New Jersey, but to southward reports were few, and south of the latitude of Hatteras there was practically no fog. Between the 15th and 65th meridians, south of 40° north latitude, no fog has been reported.

Several accidents due to fog have come to our notice, but there was apparently no loss of life connected with any. On the night of the 5–6th a barge sank after a collision in Long Island Sound. On or about the 24th a steamer grounded near Halifax, N. S., but soon was refloated. The last day of June saw three fog accidents in New England waters; also it was probably this day that the Norwegian steamship *Aranda*, bound into the Gulf of St. Lawrence, grounded off one of the Magdalen Islands and is expected to be a total loss.

OCEAN GALES AND STORMS, JUNE 1937

Vessel	Voyage		Position at time of lowest barometer		Gale began June—	Time of lowest barometer June—	Gale ended June—	Lowest barometer	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Direction and highest force of wind	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
NORTH ATLANTIC OCEAN			° ′	° ′				*Inches*					
Georgian, Am. S. S.	New York	Cristobal	12 12 N.	78 35 W.	1	5p, 1	1	29.83	SE.	SE, 6	SE.	SE, 6	
Toloa, Am. S. S.	Santa Marta	Kingston	11 36 N.	74 18 W.	3	7a, 3	3	29.81	ENE.	ENE, 6	E.	E, 6	None.
Kentucky, Dan. S. S.	Oslo	Portland, Me.	56 52 N.	26 20 W.	4	2p, 4	6	29.22	SW.	W, —	NW.	W, 9	SW-W.
Hannah, Du. S. S.	Bremen	Montreal	58 22 N.	23 43 W.	4	10a, 5	5	[1]29.17	SE.	SSW, 8	SSW.	S, 9	S-N.
Standard, Am. S.S.	Aruba	New York	39 42 N.	73 36 W.	14	7p, 14	14	29.76	WSW.	WSW, 9	W.	WSW, 9	SW-W.
Marinao, Ital. S. S.	Djidjelli	Gloucester, N. J.	38 10 N.	72 40 W.	14	—, 15	15	29.88	SSW.	SW, 8	SW.	SW, 8	SSW-W-SW.
Toloa, Am. S. S.	Kingston	Colon	13 25 N.	78 30 W.	17	3p, 18	18	29.80	E.	E, 6	ENE.	E, 6	
NORTH PACIFIC OCEAN													
Empress of Asia, Br. S. S.	Victoria, B. C.	Yokohama	51 25 N.	143 57 W.	[2]31	4p, [2]31	1	29.38	S.	S, 8	SW.	SW, 9	S-SSW.
Pres. Grant, Am. S. S.	Yokohama	Victoria, B. C.	[3]38 28 N.	146 47 E.	1	Mdt, 1	3	29.27	ENE.	N, 9	W.	NW, 10	NE-NW.
Tai Ping, Nor. M. S.	do	San Francisco	38 30 N.	150 00 E.	1	2a, 2	3	29.10	E.	SSW, 9	WNW.	W, 10	S-W.
Pres. Jefferson, Am. S. S.	Victoria, B. C.	Yokohama	42 10 N.	149 45 E.	2	5a, 2	2	29.20	E.	NNE, 10	NW.	NNE, 10	NE-N.
San Diego Maru, Jap. M. S.	Osaka	San Francisco	39 41 N.	150 29 E.	1	6a, 2	3	29.00	E.	W, 7	WNW.	W, 8	S-W.
San Pedro Maru, Jap. M. S.	Yokohama	Los Angeles	40 40 N.	156 30 E.	1	Noon, 2	3	29.29	SE.	SW, 7	W.	SSE, 9	S-WSW.
Thames Maru, Jap. S. S.	Port Alice	Kobe	44 48 N.	156 58 E.	2	10p, 2	3	29.86	E.	NE, 8	NW.	NW, 9	E-N-NW.
Silverpalm, Br. M. S.	Cebu	San Francisco	42 50 N.	177 12 W.	2	6a, 3	2	29.44	S.	SW, 5	SW.	S, 8	
Nako Maru, Jap. M. S.	Yokohama	Los Angeles	43 21 N.	166 22 E.	2	Noon, 3	4	29.16	ESE.	SW, 9	WNW.	SW, 9	SW-WSW.
Salawati, Du. M. S.	Manila	do	39 16 N.	175 24 E.	3	3p, 3	4	29.78	S.	SSW, 7	WNW.	SSW, 9	SSW-WSW.
Empress of Asia, Br. S. S.	Victoria	Yokohama	[3]50 45 N.	179 02 W.	3	9p, 3	3	29.33	S.	NE, 5	ESE.	ESE, 8	ESE-NE.
Tai Ping, Nor. M. S.	Yokohama	San Francisco	43 10 N.	179 00 E.	5	2p, 6	6	29.42	ESE.	WNW, 9	NW.	NNW, 9	ESE-WNW-NNW
San Pedro Maru, Jap. M. S.	do	Los Angeles	[3]41 33 N.	152 03 W.	10	—, 10	10	29.49	SW.	S, 9	S.	S, 9	S-W.
Scottsburg, Am. S. S.	Manila	do	45 46 N.	178 05 W.	14	Noon, 14	17	29.10	W.	W, 9	W.	W, 9	
Shoyo Maru, Jap. M. S.	Kudamatsu	do	40 30 N.	137 30 W.	15	10a, 15	15	29.33	WSW.	W, 9	NW.	WNW, 9	W-WNW.
Chattanooga City, Am. S. S.	Hilo	Balboa	17 05 N.	117 50 W.	16	4p, 16	16	29.74	NNE.	SSE, 7	SSE.	W, 8	WNW-S-SE.
Scottsburg, Am. S. S.	Manila	Los Angeles	42 21 N.	140 00 W.	21	Noon, 21	22	29.58	SW.	SW, 8	W.	SW, 8	
Nitro, U. S. N.	San Diego	Balboa	18 00 N.	104 00 W.	25	11a, 25	25	29.63	E.	E, 10	SE.	E, 10	ENE-SSE.
Iowan, Am. S. S.	Balboa	Los Angeles	[3]18 36 N.	104 42 W.	25	6a, 25	25	29.64	E.	ENE, 9	WNW.	ENE, 9	SE-ENE.
Silverbelle, Br. M. S.	Cebu	do	17 55 N.	130 28 E.	30	4p, 30	[4]1	29.54	NW.	NE, 12	E.	NE, 12	NW-NE-SE.

[1] Barometer uncorrected.
[2] May.
[3] Position approximate.
[4] July.

NORTH PACIFIC OCEAN, JUNE 1937

By WILLIS E. HURD

Atmospheric pressure.—The Aleutian LOW continued in an abnormally high state of development for the month during June 1937, as in the previous May, with average center over eastern Aleutian waters, the mean pressure at Dutch Harbor being 29.73, which is 0.17 inch below the normal. The lowest barometer readings of the month were 28.90 inches, at Kodiak, on the 1st, and 28.88, read on the British steamer *Talthybius*, near 51° N., 174° W., on the 15th.

High pressure was central in the vicinity of Midway Island, where the average barometer, 30.14 inches, was 0.09 above the normal.

In the Far East, the encroachment of the continental LOW on the sea area is shown by the average barometer, 29.65 inches, at Hong Kong, and the average of 29.72 inches at Naha, in the Nansei Islands, both readings being below the normal.

TABLE 1.—*Averages, departures, and extremes of atmospheric pressure at sea level, North Pacific Ocean, June 1937, at selected stations*

Station	Average pressure	Departure from normal	Highest	Date	Lowest	Date
	Inches	*Inch*	*Inches*		*Inches*	
Point Barrow	29.80	−0.19	30.12	9	29.50	7
Dutch Harbor	29.73	−.17	30.36	27	29.18	15, 16
St. Paul	29.79	−.07	30.32	27	29.34	17
Kodiak	29.81	−.10	30.40	3	28.90	1
Juneau	29.94	−.07	30.58	3	29.35	18
Tatoosh Island	29.99	−.03	30.34	24	29.59	16
San Francisco	29.96	.00	30.19	11	29.74	27
Mazatlan	29.87	+.04	29.96	12	29.74	25
Honolulu	30.05	+.01	30.13	12	29.95	2
Midway Island	30.14	+.09	30.28	27	29.94	24
Guam	29.84	−.03	29.92	11	29.77	28
Manila	29.76	+.01	29.83	10, 14, 28	29.65	22
Hong Kong	29.65	−.05	29.76	10	29.50	17
Naha	29.72	−.03	29.83	1, 2, 10	29.53	18, 19
Chichishima	29.80	−.11	30.00	4	29.53	29
Nemuro	29.95	-------	30.18	29	29.77	26

NOTE.—Data based on 1 daily observation only, except those for Juneau, Tatoosh Island, San Francisco and Honolulu, which are based on 2 observations. Departures are computed from best available normals related to time of observation.